

Chariton County, Missouri: Detailed Soil Map Legend

Construction Materials and Excavating

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Map symbol and soil name	Source for roadfill		Source for sand		Source for gravel		Source for topsoil		Shallow excavations	
	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
10B2: Lagonda-----	Very limited ~shrink-swell (very limited) ~wetness (slightly limited)	1.00 0.26	Very limited ~excess fines (thickest layer) ~excess fines (bottom layer)	1.00 1.00	Very limited ~excess fines (bottom layer) ~excess fines (thickest layer)	1.00 1.00	Limited ~too clayey (limited) ~wetness (slightly limited)	0.96 0.26	Very limited ~wetness (very limited) ~too clayey (moderately limited) ~cutbanks cave (slightly limited)	1.00 0.30 0.29
11C2: Lagonda-----	Very limited ~shrink-swell (very limited) ~wetness (slightly limited)	1.00 0.26	Very limited ~excess fines (thickest layer) ~excess fines (bottom layer)	1.00 1.00	Very limited ~excess fines (bottom layer) ~excess fines (thickest layer)	1.00 1.00	Very limited ~too clayey (very limited) ~wetness (slightly limited)	1.00 0.26	Very limited ~wetness (very limited) ~too clayey (moderately limited) ~cutbanks cave (slightly limited)	1.00 0.33 0.29
12B2: Bevier-----	Very limited ~shrink-swell (very limited)	1.00	Very limited ~excess fines (thickest layer) ~excess fines (bottom layer)	1.00 1.00	Very limited ~excess fines (bottom layer) ~excess fines (thickest layer)	1.00 1.00	Very limited ~too clayey (very limited)	1.00	Limited ~wetness (limited) ~too clayey (moderately limited) ~cutbanks cave (slightly limited)	0.95 0.41 0.29
15B: Grundy-----	Very limited ~shrink-swell (very limited) ~wetness (slightly limited)	1.00 0.26	Very limited ~excess fines (thickest layer) ~excess fines (bottom layer)	1.00 1.00	Very limited ~excess fines (bottom layer) ~excess fines (thickest layer)	1.00 1.00	Very limited ~too clayey (very limited) ~wetness (slightly limited)	1.00 0.26	Very limited ~wetness (very limited) ~too clayey (moderately limited) ~cutbanks cave (slightly limited)	1.00 0.45 0.29

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Map symbol and soil name	Source for roadfill		Source for sand		Source for gravel		Source for topsoil		Shallow excavations	
	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
16: Crestmeade-----	Very limited ~shrink-swell (very limited) ~wetness (very limited)	1.00 1.00	Very limited ~excess fines (thickest layer) ~excess fines (bottom layer)	1.00 1.00	Very limited ~excess fines (bottom layer) ~excess fines (thickest layer)	1.00 1.00	Very limited ~too clayey (very limited) ~wetness (very limited)	1.00 1.00	Very limited ~wetness (very limited) ~too clayey (limited) ~cutbanks cave (slightly limited)	1.00 0.64 0.29
19C2: Menfro-----	Slightly limited ~shrink-swell (slightly limited)	0.05	Very limited ~excess fines (thickest layer) ~excess fines (bottom layer)	1.00 1.00	Very limited ~excess fines (bottom layer) ~excess fines (thickest layer)	1.00 1.00	Moderately limited ~too clayey (moderately limited)	0.50	Slightly limited ~cutbanks cave (slightly limited)	0.29
19F: Menfro-----	Moderately limited ~slope (moderately limited) ~shrink-swell (moderately limited)	0.50 0.45	Very limited ~excess fines (thickest layer) ~excess fines (bottom layer)	1.00 1.00	Very limited ~excess fines (bottom layer) ~excess fines (thickest layer)	1.00 1.00	Very limited ~slope (very limited) ~too clayey (moderately limited)	1.00 0.50	Very limited ~slope (very limited) ~cutbanks cave (slightly limited)	1.00 0.29
20A: Shannondale----	Moderately limited ~shrink-swell (moderately limited) ~wetness (slightly limited)	0.43 0.26	Very limited ~excess fines (thickest layer) ~excess fines (bottom layer)	1.00 1.00	Very limited ~excess fines (bottom layer) ~excess fines (thickest layer)	1.00 1.00	Moderately limited ~too clayey (moderately limited) ~wetness (slightly limited)	0.55 0.26	Very limited ~wetness (very limited) ~cutbanks cave (slightly limited) ~too clayey (slightly limited)	1.00 0.29 0.03

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Map symbol and soil name	Source for roadfill		Source for sand		Source for gravel		Source for topsoil		Shallow excavations	
	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
20C2: Shannondale----	Moderately limited ~shrink-swell (moderately limited) ~wetness (slightly limited)	 0.43 0.26	Very limited ~excess fines (thickest layer) ~excess fines (bottom layer)	 1.00 1.00	Very limited ~excess fines (bottom layer) ~excess fines (thickest layer)	 1.00 1.00	Moderately limited ~too clayey (moderately limited) ~wetness (slightly limited)	 0.55 0.26	Very limited ~wetness (very limited) ~cutbanks cave (slightly limited) ~too clayey (slightly limited)	 1.00 0.29 0.03
21C2: Knox-----	Moderately limited ~shrink-swell (moderately limited)	 0.38	Very limited ~excess fines (thickest layer) ~excess fines (bottom layer)	 1.00 1.00	Very limited ~excess fines (bottom layer) ~excess fines (thickest layer)	 1.00 1.00	Moderately limited ~too clayey (moderately limited)	 0.50	Slightly limited ~cutbanks cave (slightly limited)	 0.29
22F3: Knox-----	Moderately limited ~slope (moderately limited) ~shrink-swell (slightly limited)	 0.50 0.29	Very limited ~excess fines (thickest layer) ~excess fines (bottom layer)	 1.00 1.00	Very limited ~excess fines (bottom layer) ~excess fines (thickest layer)	 1.00 1.00	Very limited ~slope (very limited) ~too clayey (moderately limited)	 1.00 0.50	Very limited ~slope (very limited) ~cutbanks cave (slightly limited)	 1.00 0.29
23B2: Higginsville---	Moderately limited ~shrink-swell (moderately limited) ~wetness (slightly limited)	 0.45 0.26	Very limited ~excess fines (thickest layer) ~excess fines (bottom layer)	 1.00 1.00	Very limited ~excess fines (bottom layer) ~excess fines (thickest layer)	 1.00 1.00	Moderately limited ~too clayey (moderately limited) ~wetness (slightly limited)	 0.55 0.26	Very limited ~wetness (very limited) ~cutbanks cave (slightly limited) ~too clayey (slightly limited)	 1.00 0.29 0.03

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Map symbol and soil name	Source for roadfill		Source for sand		Source for gravel		Source for topsoil		Shallow excavations	
	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
23C2: Higginsville---	Moderately limited ~shrink-swell (moderately limited)	0.45	Very limited ~excess fines (thickest layer)	1.00	Very limited ~excess fines (bottom layer)	1.00	Moderately limited ~too clayey (moderately limited)	0.55	Very limited ~wetness (very limited)	1.00
	~wetness (slightly limited)	0.26	~excess fines (bottom layer)	1.00	~excess fines (thickest layer)	1.00	~wetness (slightly limited)	0.26	~cutbanks cave (slightly limited)	0.29
									~too clayey (slightly limited)	0.03
25B: Wakenda-----	Moderately limited ~shrink-swell (moderately limited)	0.37	Very limited ~excess fines (thickest layer)	1.00	Very limited ~excess fines (bottom layer)	1.00	Moderately limited ~too clayey (moderately limited)	0.50	Slightly limited ~cutbanks cave (slightly limited)	0.29
			~excess fines (bottom layer)	1.00	~excess fines (thickest layer)	1.00			~wetness (slightly limited)	0.15
25C2: Wakenda-----	Moderately limited ~shrink-swell (moderately limited)	0.41	Very limited ~excess fines (thickest layer)	1.00	Very limited ~excess fines (bottom layer)	1.00	Moderately limited ~too clayey (moderately limited)	0.50	Slightly limited ~cutbanks cave (slightly limited)	0.29
			~excess fines (bottom layer)	1.00	~excess fines (thickest layer)	1.00			~wetness (slightly limited)	0.15
26B: Armstrong-----	Very limited ~shrink-swell (very limited)	1.00	Very limited ~excess fines (thickest layer)	1.00	Very limited ~excess fines (bottom layer)	1.00	Very limited ~too clayey (very limited)	1.00	Very limited ~wetness (very limited)	1.00
	~wetness (moderately limited)	0.48	~excess fines (bottom layer)	1.00	~excess fines (thickest layer)	1.00	~wetness (moderately limited)	0.48	~too clayey (moderately limited)	0.54
							~small stones (slightly limited)	0.03	~cutbanks cave (slightly limited)	0.29

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Map symbol and soil name	Source for roadfill		Source for sand		Source for gravel		Source for topsoil		Shallow excavations	
	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
26C2: Armstrong-----	Limited ~shrink-swell (limited) ~wetness (moderately limited)	 0.96 0.48	Very limited ~excess fines (thickest layer) ~excess fines (bottom layer)	 1.00 1.00	Very limited ~excess fines (bottom layer) ~excess fines (thickest layer)	 1.00 1.00	Very limited ~too clayey (very limited) ~wetness (moderately limited) ~small stones (slightly limited)	 1.00 0.48 0.03	Very limited ~wetness (very limited) ~too clayey (moderately limited) ~cutbanks cave (slightly limited)	 1.00 0.54 0.29
26D2: Armstrong-----	Very limited ~shrink-swell (very limited) ~wetness (moderately limited)	 1.00 0.48	Very limited ~excess fines (thickest layer) ~excess fines (bottom layer)	 1.00 1.00	Very limited ~excess fines (bottom layer) ~excess fines (thickest layer)	 1.00 1.00	Very limited ~too clayey (very limited) ~slope (limited) ~wetness (moderately limited)	 1.00 0.63 0.48	Very limited ~wetness (very limited) ~slope (limited) ~too clayey (moderately limited)	 1.00 0.63 0.54
27D3: Armstrong-----	Very limited ~shrink-swell (very limited) ~wetness (moderately limited)	 1.00 0.48	Very limited ~excess fines (thickest layer) ~excess fines (bottom layer)	 1.00 1.00	Very limited ~excess fines (bottom layer) ~excess fines (thickest layer)	 1.00 1.00	Very limited ~too clayey (very limited) ~slope (limited) ~wetness (moderately limited)	 1.00 0.63 0.48	Very limited ~wetness (very limited) ~slope (limited) ~too clayey (moderately limited)	 1.00 0.63 0.54
28C: Keswick-----	Very limited ~shrink-swell (very limited) ~wetness (moderately limited)	 1.00 0.48	Very limited ~excess fines (thickest layer) ~excess fines (bottom layer)	 1.00 1.00	Very limited ~excess fines (bottom layer) ~excess fines (thickest layer)	 1.00 1.00	Very limited ~too clayey (very limited) ~wetness (moderately limited) ~too acid (slightly limited)	 1.00 0.48 0.12	Very limited ~wetness (very limited) ~too clayey (moderately limited) ~cutbanks cave (slightly limited)	 1.00 0.53 0.29

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Map symbol and soil name	Source for roadfill		Source for sand		Source for gravel		Source for topsoil		Shallow excavations	
	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
31F: Winnegan-----	Very limited ~shrink-swell (very limited) ~slope (moderately limited) ~wetness (slightly limited)	 1.00 0.50 0.03	Very limited ~excess fines (thickest layer) ~excess fines (bottom layer)	 1.00 1.00	Very limited ~excess fines (bottom layer) ~excess fines (thickest layer)	 1.00 1.00	Very limited ~too clayey (very limited) ~slope (very limited) ~wetness (slightly limited)	 1.00 1.00 0.03	Very limited ~slope (very limited) ~wetness (limited) ~too clayey (moderately limited)	 1.00 0.99 0.30
36D2: Gosport-----	Moderately limited ~depth to bedrock (moderately limited) ~shrink-swell (moderately limited)	 0.55 0.53	Very limited ~excess fines (thickest layer) ~excess fines (bottom layer)	 1.00 1.00	Very limited ~excess fines (bottom layer) ~excess fines (thickest layer)	 1.00 1.00	Not Rated Not Rated ~too clayey (very limited) ~slope (limited)	 1.00 0.63	Limited ~slope (limited) ~too clayey (moderately limited) ~cutbanks cave (slightly limited)	 0.63 0.54 0.29
36F: Gosport-----	Limited ~slope (limited) ~shrink-swell (limited) ~depth to bedrock (moderately limited)	 0.67 0.64 0.51	Very limited ~excess fines (thickest layer) ~excess fines (bottom layer)	 1.00 1.00	Very limited ~excess fines (bottom layer) ~excess fines (thickest layer)	 1.00 1.00	Not Rated Not Rated ~slope (very limited) ~too clayey (very limited)	 1.00 1.00	Very limited ~slope (very limited) ~too clayey (moderately limited) ~cutbanks cave (slightly limited)	 1.00 0.54 0.29
37D2: Newcomer-----	Slightly limited ~depth to bedrock (slightly limited)	 0.30	Not Rated Not Rated ~excess fines (thickest layer)	 1.00	Not Rated Not Rated ~excess fines (thickest layer)	 1.00	Not Rated Not Rated ~slope (limited) ~too clayey (slightly limited)	 0.63 0.21	Limited ~slope (limited) ~depth to bedrock (moderately limited) ~cutbanks cave (slightly limited)	 0.63 0.44 0.29

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Map symbol and soil name	Source for roadfill		Source for sand		Source for gravel		Source for topsoil		Shallow excavations	
	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
37F: Newcomer-----	Limited ~slope (limited) ~depth to bedrock (slightly limited)	 0.67 0.22	Not Rated Not Rated ~excess fines (thickest layer)	 1.00	Not Rated Not Rated ~excess fines (thickest layer)	 1.00	Not Rated Not Rated ~slope (very limited) ~too clayey (slightly limited)	 1.00 0.21	Very limited ~slope (very limited) ~depth to bedrock (moderately limited) ~cutbanks cave (slightly limited)	 1.00 0.41 0.29
40F: Putco-----	Very limited ~shrink-swell (very limited) ~slope (very limited)	 1.00 1.00	Very limited ~excess fines (thickest layer) ~excess fines (bottom layer)	 1.00 1.00	Very limited ~excess fines (thickest layer) ~excess fines (bottom layer)	 1.00 1.00	Very limited ~too clayey (very limited) ~small stones (very limited) ~slope (very limited)	 1.00 1.00 1.00	Very limited ~slope (very limited) ~too clayey (moderately limited) ~cutbanks cave (slightly limited)	 1.00 0.60 0.29
42F: Schuline-----	Moderately limited ~shrink-swell (moderately limited) ~slope (moderately limited)	 0.45 0.33	Very limited ~excess fines (thickest layer) ~excess fines (bottom layer)	 1.00 1.00	Very limited ~excess fines (bottom layer) ~excess fines (thickest layer)	 1.00 1.00	Very limited ~slope (very limited) ~too clayey (slightly limited) ~excess lime (slightly limited)	 1.00 0.21 0.08	Very limited ~slope (very limited) ~cutbanks cave (slightly limited)	 1.00 0.29
Pits-----	Not rated		Not rated		Not rated		Not rated		Not rated	

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	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
47: Dockery-----	Moderately limited ~shrink-swell (moderately limited) ~wetness (slightly limited)	0.45 0.12	Very limited ~excess fines (thickest layer) ~excess fines (bottom layer)	1.00 1.00	Very limited ~excess fines (bottom layer) ~excess fines (thickest layer)	1.00 1.00	Slightly limited ~wetness (slightly limited)	0.12	Very limited ~wetness (very limited) ~flooding (moderately limited) ~cutbanks cave (slightly limited)	1.00 0.60 0.29
50: Blackoar-----	Very limited ~wetness (very limited)	1.00	Very limited ~excess fines (thickest layer) ~excess fines (bottom layer)	1.00 1.00	Very limited ~excess fines (bottom layer) ~excess fines (thickest layer)	1.00 1.00	Very limited ~wetness (very limited)	1.00	Very limited ~wetness (very limited) ~flooding (moderately limited) ~cutbanks cave (slightly limited)	1.00 0.60 0.29
53: Colo-----	Moderately limited ~wetness (moderately limited) ~shrink-swell (moderately limited)	0.48 0.45	Very limited ~excess fines (thickest layer) ~excess fines (bottom layer)	1.00 1.00	Very limited ~excess fines (bottom layer) ~excess fines (thickest layer)	1.00 1.00	Limited ~too clayey (limited) ~wetness (moderately limited)	0.64 0.48	Very limited ~wetness (very limited) ~flooding (moderately limited) ~cutbanks cave (slightly limited)	1.00 0.60 0.29
54: Zook-----	Very limited ~shrink-swell (very limited) ~wetness (limited)	1.00 0.86	Very limited ~excess fines (thickest layer) ~excess fines (bottom layer)	1.00 1.00	Very limited ~excess fines (bottom layer) ~excess fines (thickest layer)	1.00 1.00	Very limited ~too clayey (very limited) ~wetness (limited)	1.00 0.86	Very limited ~wetness (very limited) ~flooding (moderately limited) ~too clayey (moderately limited)	1.00 0.60 0.31

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	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
56: Triplett-----	Very limited ~shrink-swell (very limited) ~wetness (very limited)	1.00 1.00	Very limited ~excess fines (thickest layer) ~excess fines (bottom layer)	1.00 1.00	Very limited ~excess fines (bottom layer) ~excess fines (thickest layer)	1.00 1.00	Very limited ~too clayey (very limited) ~wetness (very limited)	1.00 1.00	Very limited ~wetness (very limited) ~too clayey (moderately limited) ~cutbanks cave (slightly limited)	1.00 0.51 0.29
60: Portage-----	Very limited ~shrink-swell (very limited) ~wetness (very limited)	1.00 1.00	Very limited ~excess fines (thickest layer) ~excess fines (bottom layer)	1.00 1.00	Very limited ~excess fines (bottom layer) ~excess fines (thickest layer)	1.00 1.00	Very limited ~wetness (very limited) ~too clayey (very limited) ~too acid (slightly limited)	1.00 1.00 0.30	Very limited ~ponded (wetness) (very limited) ~wetness (very limited) ~too clayey (very limited)	1.00 1.00 1.00
61: Carlow-----	Very limited ~wetness (very limited) ~shrink-swell (very limited)	1.00 1.00	Very limited ~excess fines (thickest layer) ~excess fines (bottom layer)	1.00 1.00	Very limited ~excess fines (bottom layer) ~excess fines (thickest layer)	1.00 1.00	Very limited ~too clayey (very limited) ~wetness (very limited) ~too acid (slightly limited)	1.00 1.00 0.12	Very limited ~wetness (very limited) ~too clayey (limited) ~flooding (moderately limited)	1.00 0.70 0.60
62: Carlow-----	Very limited ~wetness (very limited) ~shrink-swell (very limited)	1.00 1.00	Very limited ~excess fines (thickest layer) ~excess fines (bottom layer)	1.00 1.00	Very limited ~excess fines (bottom layer) ~excess fines (thickest layer)	1.00 1.00	Very limited ~too clayey (very limited) ~wetness (very limited) ~too acid (slightly limited)	1.00 1.00 0.12	Very limited ~wetness (very limited) ~too clayey (limited) ~cutbanks cave (slightly limited)	1.00 0.70 0.29

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	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
64: Tina-----	Limited ~shrink-swell (limited) ~wetness (slightly limited)	 0.62 0.26	Very limited ~excess fines (thickest layer) ~excess fines (bottom layer)	 1.00 1.00	Very limited ~excess fines (bottom layer) ~excess fines (thickest layer)	 1.00 1.00	Very limited ~too clayey (very limited) ~wetness (slightly limited)	 1.00 0.26	Very limited ~wetness (very limited) ~too clayey (moderately limited) ~cutbanks cave (slightly limited)	 1.00 0.34 0.29
66C2: Gifford-----	Limited ~wetness (limited) ~shrink-swell (limited)	 0.96 0.88	Very limited ~excess fines (thickest layer) ~excess fines (bottom layer)	 1.00 1.00	Very limited ~excess fines (bottom layer) ~excess fines (thickest layer)	 1.00 1.00	Very limited ~too clayey (very limited) ~wetness (limited)	 1.00 0.96	Very limited ~wetness (very limited) ~too clayey (moderately limited) ~cutbanks cave (slightly limited)	 1.00 0.38 0.29
68: Tuskeego-----	Very limited ~wetness (very limited) ~shrink-swell (moderately limited)	 1.00 0.46	Very limited ~excess fines (thickest layer) ~excess fines (bottom layer)	 1.00 1.00	Very limited ~excess fines (bottom layer) ~excess fines (thickest layer)	 1.00 1.00	Very limited ~wetness (very limited)	 1.00	Very limited ~wetness (very limited) ~flooding (moderately limited) ~too clayey (moderately limited)	 1.00 0.60 0.30
70: Speed-----	Slightly limited ~wetness (slightly limited) ~shrink-swell (slightly limited)	 0.26 0.15	Very limited ~excess fines (thickest layer) ~excess fines (bottom layer)	 1.00 1.00	Very limited ~excess fines (bottom layer) ~excess fines (thickest layer)	 1.00 1.00	Slightly limited ~wetness (slightly limited)	 0.26	Very limited ~wetness (very limited) ~flooding (moderately limited) ~cutbanks cave (slightly limited)	 1.00 0.60 0.29

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	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
72: Tice-----	Moderately limited ~shrink-swell (moderately limited) ~wetness (slightly limited)	0.45 0.26	Very limited ~excess fines (thickest layer) ~excess fines (bottom layer)	1.00 1.00	Very limited ~excess fines (bottom layer) ~excess fines (thickest layer)	1.00 1.00	Moderately limited ~too clayey (moderately limited) ~wetness (slightly limited)	0.46 0.26	Very limited ~wetness (very limited) ~flooding (moderately limited) ~cutbanks cave (slightly limited)	1.00 0.60 0.29
73: Tice-----	Moderately limited ~shrink-swell (moderately limited) ~wetness (slightly limited)	0.45 0.26	Very limited ~excess fines (thickest layer) ~excess fines (bottom layer)	1.00 1.00	Very limited ~excess fines (bottom layer) ~excess fines (thickest layer)	1.00 1.00	Moderately limited ~too clayey (moderately limited) ~wetness (slightly limited)	0.55 0.26	Very limited ~wetness (very limited) ~cutbanks cave (slightly limited) ~too clayey (slightly limited)	1.00 0.29 0.03
78: Levasy-----	Very limited ~wetness (very limited) ~shrink-swell (slightly limited)	1.00 0.26	Very limited ~excess fines (thickest layer) ~excess fines (bottom layer)	1.00 1.00	Very limited ~excess fines (bottom layer) ~excess fines (thickest layer)	1.00 1.00	Very limited ~too clayey (very limited) ~wetness (very limited)	1.00 1.00	Very limited ~ponded (wetness) (very limited) ~wetness (very limited) ~too clayey (moderately limited)	1.00 1.00 0.60
81: Haynie-----	Not limited		Very limited ~excess fines (thickest layer) ~excess fines (bottom layer)	1.00 1.00	Very limited ~excess fines (bottom layer) ~excess fines (thickest layer)	1.00 1.00	Slightly limited ~excess lime (slightly limited)	0.03	Slightly limited ~cutbanks cave (slightly limited)	0.29

Chariton County, Missouri: Detailed Soil Map Legend

Construction Materials and Excavating

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Map symbol and soil name	Source for roadfill		Source for sand		Source for gravel		Source for topsoil		Shallow excavations	
	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
82: Sarpy-----	Not limited		Probable source ~possible source (thickest layer)	0.40	Very limited ~excess fines (bottom layer) ~excess fines (thickest layer)	1.00	Very limited ~too sandy (very limited)	1.00	Very limited ~cutbanks cave (very limited)	1.00
83: Landes-----	Not limited		Very limited ~excess fines (thickest layer) ~excess fines (bottom layer)	1.00 0.99	Very limited ~excess fines (bottom layer) ~excess fines (thickest layer)	1.00	Slightly limited ~too sandy (slightly limited)	0.21	Very limited ~cutbanks cave (very limited)	1.00
84: Haynie-----	Not limited		Very limited ~excess fines (thickest layer) ~excess fines (bottom layer)	1.00 1.00	Very limited ~excess fines (bottom layer) ~excess fines (thickest layer)	1.00	Slightly limited ~excess lime (slightly limited)	0.03	Slightly limited ~cutbanks cave (slightly limited)	0.29
Waldron-----	Very limited ~shrink-swell (very limited) ~wetness (moderately limited)	1.00 0.48	Very limited ~excess fines (thickest layer) ~excess fines (bottom layer)	1.00 1.00	Very limited ~excess fines (bottom layer) ~excess fines (thickest layer)	1.00	Very limited ~too clayey (very limited) ~wetness (moderately limited)	1.00 0.48	Very limited ~wetness (very limited) ~too clayey (moderately limited) ~cutbanks cave (slightly limited)	1.00 0.38 0.29
85: Waldron-----	Very limited ~shrink-swell (very limited) ~wetness (moderately limited)	1.00 0.48	Very limited ~excess fines (thickest layer) ~excess fines (bottom layer)	1.00 1.00	Very limited ~excess fines (bottom layer) ~excess fines (thickest layer)	1.00	Very limited ~too clayey (very limited) ~wetness (moderately limited)	1.00 0.48	Very limited ~wetness (very limited) ~too clayey (moderately limited) ~cutbanks cave (slightly limited)	1.00 0.38 0.29

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Construction Materials and Excavating

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Map symbol and soil name	Source for roadfill		Source for sand		Source for gravel		Source for topsoil		Shallow excavations	
	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
86: Parkville-----	Limited ~wetness (limited)	0.86	Very limited ~excess fines (thickest layer) ~excess fines (bottom layer)	1.00	Very limited ~excess fines (bottom layer) ~excess fines (thickest layer)	1.00	Limited ~wetness (limited)	0.86	Very limited ~wetness (very limited) ~cutbanks cave (very limited) ~too clayey (limited)	1.00
87: Modale-----	Limited ~shrink-swell (limited) ~wetness (slightly limited)	0.99 0.26	Very limited ~excess fines (thickest layer) ~excess fines (bottom layer)	1.00	Very limited ~excess fines (bottom layer) ~excess fines (thickest layer)	1.00	Slightly limited ~wetness (slightly limited) ~excess lime (slightly limited)	0.26 0.03	Very limited ~wetness (very limited) ~too clayey (limited) ~cutbanks cave (slightly limited)	1.00
88: Cotter-----	Slightly limited ~shrink-swell (slightly limited)	0.22	Very limited ~excess fines (thickest layer) ~excess fines (bottom layer)	1.00	Very limited ~excess fines (bottom layer) ~excess fines (thickest layer)	1.00	Moderately limited ~too clayey (moderately limited)	0.50	Slightly limited ~cutbanks cave (slightly limited)	0.29
89: Norborne-----	Not limited		Very limited ~excess fines (thickest layer) ~excess fines (bottom layer)	1.00	Very limited ~excess fines (bottom layer) ~excess fines (thickest layer)	1.00	Slightly limited ~too sandy (slightly limited)	0.17	Slightly limited ~cutbanks cave (slightly limited)	0.29

Chariton County, Missouri: Detailed Soil Map Legend

Construction Materials and Excavating

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Map symbol and soil name	Source for roadfill		Source for sand		Source for gravel		Source for topsoil		Shallow excavations	
	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
93: Booker-----	Very limited ~shrink-swell (very limited) ~wetness (very limited)	1.00 1.00	Very limited ~excess fines (thickest layer) ~excess fines (bottom layer)	1.00 1.00	Very limited ~excess fines (bottom layer) ~excess fines (thickest layer)	1.00 1.00	Very limited ~too clayey (very limited) ~wetness (very limited)	1.00 1.00	Very limited ~ponded (wetness) (very limited) ~wetness (very limited) ~too clayey (very limited)	1.00 1.00 1.00
94: Grable-----	Not limited		Possible source ~excess fines (thickest layer) ~possible source (bottom layer)	1.00 0.05	Very limited ~excess fines (bottom layer) ~excess fines (thickest layer)	1.00 1.00	Slightly limited ~excess lime (slightly limited)	0.03	Very limited ~cutbanks cave (very limited)	1.00
99: Haynie-----	Not limited		Very limited ~excess fines (thickest layer) ~excess fines (bottom layer)	1.00 1.00	Very limited ~excess fines (bottom layer) ~excess fines (thickest layer)	1.00 1.00	Slightly limited ~excess lime (slightly limited)	0.03	Moderately limited ~flooding (moderately limited) ~cutbanks cave (slightly limited)	0.60 0.29
Waldron-----	Very limited ~shrink-swell (very limited) ~wetness (moderately limited)	1.00 0.48	Very limited ~excess fines (thickest layer) ~excess fines (bottom layer)	1.00 1.00	Very limited ~excess fines (bottom layer) ~excess fines (thickest layer)	1.00 1.00	Very limited ~too clayey (very limited) ~wetness (moderately limited)	1.00 0.48	Very limited ~wetness (very limited) ~flooding (moderately limited) ~too clayey (moderately limited)	1.00 0.60 0.38
M-W: Water-----	Not rated		Not rated		Not rated		Not rated		Not rated	
W: Water-----	Not rated		Not rated		Not rated		Not rated		Not rated	